



BARGE "CTCo 336"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

March 19, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 336"

1 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.48	0	325.42	0	683.16	0	1,048.17	0	1,414.40	0	1,781.13	0	2,147.85	0	2,514.58	0	2,881.30	0	3,247.91
1/4	27.97	1/4	332.47	1/4	690.80	1/4	1,055.77	1/4	1,422.04	1/4	1,788.77	1/4	2,155.49	1/4	2,522.22	1/4	2,888.94	1/4	3,255.55
1/2	32.45	1/2	339.52	1/2	698.44	1/2	1,063.37	1/2	1,429.68	1/2	1,796.41	1/2	2,163.13	1/2	2,529.86	1/2	2,896.58	1/2	3,263.18
3/4	36.94	3/4	346.57	3/4	706.08	3/4	1,070.96	3/4	1,437.32	3/4	1,804.05	3/4	2,170.77	3/4	2,537.50	3/4	2,904.22	3/4	3,270.82
1	41.42	1	353.62	1	713.72	1	1,107.56	1	1,444.96	1	1,811.69	1	2,178.41	1	2,545.14	1	2,911.86	1	3,278.45
1/4	46.97	1/4	360.77	1/4	721.36	1/4	1,086.16	1/4	1,452.60	1/4	1,819.33	1/4	2,186.05	1/4	2,552.78	1/4	2,919.50	1/4	3,286.09
1/2	52.51	1/2	367.91	1/2	729.00	1/2	1,093.77	1/2	1,460.24	1/2	1,826.97	1/2	2,193.69	1/2	2,560.42	1/2	2,927.14	1/2	3,293.73
3/4	58.06	3/4	375.05	3/4	736.64	3/4	1,101.37	3/4	1,467.88	3/4	1,834.61	3/4	2,201.33	3/4	2,568.06	3/4	2,934.78	3/4	3,301.36
2	63.60	2	382.19	2	744.28	2	1,108.98	2	1,475.52	2	1,842.25	2	2,208.97	2	2,575.70	2	2,942.42	2	3,309.00
1/4	69.71	1/4	389.42	1/4	751.92	1/4	1,116.59	1/4	1,483.16	1/4	1,849.89	1/4	2,216.61	1/4	2,583.34	1/4	2,950.06	1/4	3,316.63
1/2	75.82	1/2	396.65	1/2	759.56	1/2	1,124.20	1/2	1,490.80	1/2	1,857.53	1/2	2,224.25	1/2	2,590.98	1/2	2,957.70	1/2	3,324.27
3/4	81.93	3/4	403.88	3/4	767.20	3/4	1,131.81	3/4	1,498.44	3/4	1,865.17	3/4	2,231.89	3/4	2,598.62	3/4	2,965.34	3/4	3,331.91
3	88.04	3	411.12	3	774.84	3	1,139.42	3	1,506.08	3	1,872.81	3	2,239.53	3	2,606.26	3	2,972.98	3	3,339.54
1/4	94.25	1/4	418.44	1/4	782.46	1/4	1,147.04	1/4	1,513.72	1/4	1,880.45	1/4	2,247.17	1/4	2,613.90	1/4	2,980.63	1/4	3,347.18
1/2	100.47	1/2	425.76	1/2	790.07	1/2	1,154.67	1/2	1,521.36	1/2	1,888.09	1/2	2,254.81	1/2	2,621.54	1/2	2,988.27	1/2	3,354.81
3/4	106.69	3/4	433.08	3/4	797.69	3/4	1,162.29	3/4	1,529.00	3/4	1,895.73	3/4	2,262.45	3/4	2,629.18	3/4	2,995.91	3/4	3,362.45
4	112.91	4	440.41	4	805.30	4	1,169.92	4	1,536.64	4	1,903.37	4	2,270.09	4	2,636.82	4	3,003.55	4	3,370.09
1/4	119.22	1/4	447.82	1/4	812.89	1/4	1,177.56	1/4	1,544.29	1/4	1,911.01	1/4	2,277.73	1/4	2,644.46	1/4	3,011.19	1/4	3,377.72
1/2	125.54	1/2	455.23	1/2	820.48	1/2	1,185.20	1/2	1,551.93	1/2	1,918.65	1/2	2,285.37	1/2	2,652.10	1/2	3,018.83	1/2	3,385.36
3/4	131.85	3/4	462.65	3/4	828.07	3/4	1,192.84	3/4	1,559.57	3/4	1,926.29	3/4	2,293.01	3/4	2,659.74	3/4	3,026.46	3/4	3,392.99
5	138.17	5	470.06	5	835.66	5	1,200.48	5	1,567.21	5	1,933.93	5	2,300.65	5	2,667.38	5	3,034.10	5	3,400.63
1/4	144.58	1/4	477.56	1/4	843.25	1/4	1,208.12	1/4	1,574.85	1/4	1,941.57	1/4	2,308.30	1/4	2,675.02	1/4	3,041.73	1/4	3,408.27
1/2	151.00	1/2	485.07	1/2	850.84	1/2	1,215.76	1/2	1,582.49	1/2	1,949.21	1/2	2,315.94	1/2	2,682.66	1/2	3,049.37	1/2	3,415.90
3/4	157.41	3/4	492.57	3/4	858.43	3/4	1,223.40	3/4	1,590.13	3/4	1,956.85	3/4	2,323.58	3/4	2,690.30	3/4	3,057.01	3/4	3,423.54
6	163.82	6	500.08	6	866.02	6	1,231.04	6	1,597.77	6	1,964.49	6	2,331.22	6	2,697.94	6	3,064.64	6	3,431.18
1/4	170.33	1/4	507.66	1/4	873.60	1/4	1,238.68	1/4	1,605.41	1/4	1,972.13	1/4	2,338.86	1/4	2,705.58	1/4	3,072.28	1/4	3,438.81
1/2	176.83	1/2	515.24	1/2	881.19	1/2	1,246.32	1/2	1,613.05	1/2	1,979.77	1/2	2,346.50	1/2	2,713.22	1/2	3,079.91	1/2	3,446.45
3/4	183.34	3/4	522.83	3/4	888.78	3/4	1,253.96	3/4	1,620.69	3/4	1,987.41	3/4	2,354.14	3/4	2,720.86	3/4	3,087.55	3/4	3,454.08
7	189.85	7	530.41	7	896.37	7	1,261.60	7	1,628.33	7	1,995.05	7	2,361.78	7	2,728.50	7	3,095.19	7	3,461.72
1/4	196.45	1/4	538.04	1/4	903.96	1/4	1,269.24	1/4	1,635.97	1/4	2,002.69	1/4	2,369.42	1/4	2,736.14	1/4	3,102.82	1/4	3,469.36
1/2	203.04	1/2	545.67	1/2	911.55	1/2	1,276.88	1/2	1,643.61	1/2	2,010.33	1/2	2,377.06	1/2	2,743.78	1/2	3,110.46	1/2	3,476.99
3/4	209.64	3/4	553.30	3/4	919.14	3/4	1,284.52	3/4	1,651.25	3/4	2,017.97	3/4	2,384.70	3/4	2,751.42	3/4	3,118.10	3/4	3,484.63
8	216.24	8	560.92	8	926.73	8	1,292.16	8	1,658.89	8	2,025.61	8	2,392.34	8	2,759.06	8	3,125.73	8	3,492.26
1/4	222.93	1/4	568.56	1/4	934.32	1/4	1,299.80	1/4	1,666.53	1/4	2,033.25	1/4	2,399.98	1/4	2,766.70	1/4	3,133.37	1/4	3,499.90
1/2	229.61	1/2	576.20	1/2	941.91	1/2	1,307.44	1/2	1,674.17	1/2	2,040.89	1/2	2,407.62	1/2	2,774.34	1/2	3,141.00	1/2	3,507.54
3/4	236.30	3/4	583.84	3/4	949.50	3/4	1,315.08	3/4	1,681.81	3/4	2,048.53	3/4	2,415.26	3/4	2,781.98	3/4	3,148.64	3/4	3,515.17
9	242.99	9	591.48	9	957.09	9	1,322.72	9	1,689.45	9	2,056.17	9	2,422.90	9	2,789.62	9	3,156.28	9	3,522.81
1/4	249.77	1/4	599.12	1/4	964.68	1/4	1,330.36	1/4	1,697.09	1/4	2,063.81	1/4	2,430.54	1/4	2,797.26	1/4	3,163.91	1/4	3,530.44
1/2	256.55	1/2	606.76	1/2	972.27	1/2	1,338.00	1/2	1,704.73	1/2	2,071.45	1/2	2,438.18	1/2	2,804.90	1/2	3,171.55	1/2	3,538.07
3/4	263.33	3/4	614.40	3/4	979.85	3/4	1,345.64	3/4	1,712.37	3/4	2,079.09	3/4	2,445.82	3/4	2,812.54	3/4	3,179.18	3/4	3,545.70
10	270.10	10	622.04	10	987.44	10	1,353.28	10	1,720.01	10	2,086.73	10	2,453.46	10	2,820.18	10	3,186.82	10	3,553.33
1/4	276.97	1/4	629.68	1/4	995.03	1/4	1,360.92	1/4	1,727.65	1/4	2,094.37	1/4	2,461.10	1/4	2,827.82	1/4	3,194.46	1/4	3,560.96
1/2	283.84	1/2	637.32	1/2	1,002.62	1/2	1,368.56	1/2	1,735.29	1/2	2,102.01	1/2	2,468.74	1/2	2,835.46	1/2	3,202.09	1/2	3,568.58
3/4	290.71	3/4	644.96	3/4	1,010.21	3/4	1,376.20	3/4	1,742.93	3/4	2,109.65	3/4	2,476.38	3/4	2,843.10	3/4	3,209.73	3/4	3,576.21
11	297.58	11	652.60	11	1,017.80	11	1,383.84	11	1,750.57	11	2,117.29	11	2,484.02	11	2,850.74	11	3,217.36	11	3,583.83
1/4	304.54	1/4	660.24	1/4	1,025.39	1/4	1,391.48	1/4	1,758.21	1/4	2,124.93	1/4	2,491.66	1/4	2,858.38	1/4	3,225.00	1/4	3,591.46
1/2	311.50	1/2	667.88	1/2	1,032.99	1/2	1,399.12	1/2	1,765.85	1/2	2,132.57	1/2	2,499.30	1/2	2,866.02	1/2	3,232.64	1/2	3,599.08
3/4	318.46	3/4	675.52	3/4	1,040.58	3/4	1,406.76	3/4	1,773.49	3/4	2,140.21	3/4	2,506.94	3/4	2,873.66	3/4	3,240.27	3/4	3,606.71

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

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BARGE "CTCo 336"

1 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,614.33	0	3,980.31	0	4,343.45	0	4,687.93	0	5,020.67	0		0		0		0		0	
1/4	3,621.96	1/4	3,987.94	1/4	4,350.84	1/4	4,694.87	1/4	5,028.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,629.58	1/2	3,995.56	1/2	4,358.22	1/2	4,701.81	1/2	5,035.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,637.20	3/4	4,003.19	3/4	4,365.61	3/4	4,708.76	3/4	5,043.37	3/4		3/4		3/4		3/4		3/4	
1	3,644.83	1	4,010.81	1	4,372.99	1	4,715.70	1	5,050.94	1		1		1		1		1	
1/4	3,652.45	1/4	4,018.43	1/4	4,380.35	1/4	4,722.59	1/4	5,058.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.08	1/2	4,026.06	1/2	4,387.70	1/2	4,729.48	1/2	5,065.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,667.70	3/4	4,033.68	3/4	4,395.05	3/4	4,736.37	3/4	5,072.50	3/4		3/4		3/4		3/4		3/4	
2	3,675.33	2	4,041.31	2	4,402.40	2	4,743.26	2	5,079.69	2		2		2		2		2	
1/4	3,682.95	1/4	4,048.93	1/4	4,409.71	1/4	4,750.09	1/4	5,085.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,690.58	1/2	4,056.56	1/2	4,417.01	1/2	4,756.93	1/2	5,091.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.20	3/4	4,064.18	3/4	4,424.32	3/4	4,763.76	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,705.83	3	4,071.81	3	4,431.63	3	4,770.60	3		3		3		3		3		3	
1/4	3,713.45	1/4	4,079.43	1/4	4,438.89	1/4	4,777.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.07	1/2	4,087.06	1/2	4,446.14	1/2	4,784.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,728.70	3/4	4,094.68	3/4	4,453.40	3/4	4,791.01	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,736.32	4	4,102.30	4	4,460.66	4	4,797.81	4		4		4		4		4		4	
1/4	3,743.95	1/4	4,109.93	1/4	4,467.88	1/4	4,804.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,751.57	1/2	4,117.55	1/2	4,475.10	1/2	4,811.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.20	3/4	4,125.18	3/4	4,482.32	3/4	4,818.11	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,766.82	5	4,132.80	5	4,489.54	5	4,824.88	5		5		5		5		5		5	
1/4	3,774.45	1/4	4,140.42	1/4	4,496.73	1/4	4,831.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.07	1/2	4,148.04	1/2	4,503.92	1/2	4,838.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,789.70	3/4	4,155.65	3/4	4,511.10	3/4	4,845.09	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,797.32	6	4,163.27	6	4,518.29	6	4,851.82	6		6		6		6		6		6	
1/4	3,804.95	1/4	4,170.87	1/4	4,525.44	1/4	4,858.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.57	1/2	4,178.46	1/2	4,532.60	1/2	4,865.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,820.19	3/4	4,186.06	3/4	4,539.75	3/4	4,871.91	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,827.82	7	4,193.65	7	4,546.90	7	4,878.61	7		7		7		7		7		7	
1/4	3,835.44	1/4	4,201.21	1/4	4,554.02	1/4	4,885.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,843.07	1/2	4,208.78	1/2	4,561.14	1/2	4,891.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.69	3/4	4,216.34	3/4	4,568.26	3/4	4,898.59	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,858.32	8	4,223.90	8	4,575.38	8	4,905.26	8		8		8		8		8		8	
1/4	3,865.94	1/4	4,231.43	1/4	4,582.47	1/4	4,911.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,873.57	1/2	4,238.96	1/2	4,589.55	1/2	4,918.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,881.19	3/4	4,246.48	3/4	4,596.64	3/4	4,925.14	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,888.82	9	4,254.01	9	4,603.72	9	4,931.77	9		9		9		9		9		9	
1/4	3,896.44	1/4	4,261.50	1/4	4,610.77	1/4	4,938.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,904.07	1/2	4,268.99	1/2	4,617.83	1/2	4,945.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,911.69	3/4	4,276.48	3/4	4,624.88	3/4	4,953.04	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,919.31	10	4,283.97	10	4,631.93	10	4,960.13	10		10		10		10		10		10	
1/4	3,926.94	1/4	4,291.42	1/4	4,638.95	1/4	4,967.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,934.56	1/2	4,298.88	1/2	4,645.97	1/2	4,975.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.19	3/4	4,306.33	3/4	4,652.99	3/4	4,982.84	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,949.81	11	4,313.78	11	4,660.01	11	4,990.40	11		11		11		11		11		11	
1/4	3,957.44	1/4	4,321.20	1/4	4,666.99	1/4	4,997.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,965.06	1/2	4,328.62	1/2	4,673.97	1/2	5,005.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,972.69	3/4	4,336.04	3/4	4,680.95	3/4	5,013.10	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 336"

1 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.47	0	324.95	0	681.90	0	1,047.43	0	1,413.38	0	1,779.37	0	2,145.36	0	2,511.35	0	2,877.34	0	3,243.20
1/4	27.95	1/4	331.98	1/4	689.53	1/4	1,055.05	1/4	1,421.01	1/4	1,787.00	1/4	2,152.99	1/4	2,518.98	1/4	2,884.97	1/4	3,250.82
1/2	32.44	1/2	339.02	1/2	697.15	1/2	1,062.67	1/2	1,428.63	1/2	1,794.62	1/2	2,160.61	1/2	2,526.60	1/2	2,892.59	1/2	3,258.44
3/4	36.92	3/4	346.05	3/4	704.77	3/4	1,070.29	3/4	1,436.26	3/4	1,802.25	3/4	2,168.24	3/4	2,534.23	3/4	2,900.22	3/4	3,266.06
1	41.40	1	353.09	1	712.40	1	1,077.90	1	1,443.88	1	1,809.87	1	2,175.86	1	2,541.85	1	2,907.84	1	3,273.68
1/4	46.95	1/4	360.22	1/4	720.02	1/4	1,085.53	1/4	1,451.51	1/4	1,817.50	1/4	2,183.49	1/4	2,549.48	1/4	2,915.47	1/4	3,281.30
1/2	52.49	1/2	367.34	1/2	727.65	1/2	1,093.15	1/2	1,459.13	1/2	1,825.12	1/2	2,191.11	1/2	2,557.10	1/2	2,923.09	1/2	3,288.92
3/4	58.03	3/4	374.47	3/4	735.27	3/4	1,100.77	3/4	1,466.76	3/4	1,832.75	3/4	2,198.74	3/4	2,564.73	3/4	2,930.72	3/4	3,296.55
2	63.57	2	381.60	2	742.90	2	1,108.39	2	1,474.38	2	1,840.37	2	2,206.36	2	2,572.35	2	2,938.34	2	3,304.17
1/4	69.68	1/4	388.81	1/4	750.52	1/4	1,116.02	1/4	1,482.01	1/4	1,848.00	1/4	2,213.99	1/4	2,579.98	1/4	2,945.97	1/4	3,311.79
1/2	75.79	1/2	396.03	1/2	758.15	1/2	1,123.64	1/2	1,489.63	1/2	1,855.62	1/2	2,221.61	1/2	2,587.60	1/2	2,953.59	1/2	3,319.41
3/4	81.89	3/4	403.25	3/4	765.77	3/4	1,131.27	3/4	1,497.26	3/4	1,863.25	3/4	2,229.24	3/4	2,595.23	3/4	2,961.22	3/4	3,327.03
3	88.00	3	410.46	3	773.40	3	1,138.89	3	1,504.88	3	1,870.87	3	2,236.86	3	2,602.85	3	2,968.84	3	3,334.65
1/4	94.21	1/4	417.77	1/4	781.01	1/4	1,146.52	1/4	1,512.51	1/4	1,878.50	1/4	2,244.49	1/4	2,610.48	1/4	2,976.47	1/4	3,342.27
1/2	100.43	1/2	425.08	1/2	788.63	1/2	1,154.14	1/2	1,520.13	1/2	1,886.12	1/2	2,252.11	1/2	2,618.10	1/2	2,984.09	1/2	3,349.89
3/4	106.64	3/4	432.39	3/4	796.25	3/4	1,161.76	3/4	1,527.76	3/4	1,893.75	3/4	2,259.74	3/4	2,625.73	3/4	2,991.71	3/4	3,357.51
4	112.85	4	439.69	4	803.87	4	1,169.39	4	1,535.38	4	1,901.37	4	2,267.36	4	2,633.35	4	2,999.33	4	3,365.13
1/4	119.16	1/4	447.09	1/4	811.48	1/4	1,177.01	1/4	1,543.00	1/4	1,909.00	1/4	2,274.99	1/4	2,640.98	1/4	3,006.95	1/4	3,372.75
1/2	125.47	1/2	454.49	1/2	819.09	1/2	1,184.64	1/2	1,550.63	1/2	1,916.62	1/2	2,282.61	1/2	2,648.60	1/2	3,014.58	1/2	3,380.37
3/4	131.79	3/4	461.89	3/4	826.70	3/4	1,192.26	3/4	1,558.25	3/4	1,924.24	3/4	2,290.24	3/4	2,656.23	3/4	3,022.20	3/4	3,387.99
5	138.10	5	469.29	5	834.31	5	1,199.89	5	1,565.88	5	1,931.87	5	2,297.86	5	2,663.85	5	3,029.82	5	3,395.62
1/4	144.50	1/4	476.78	1/4	841.92	1/4	1,207.51	1/4	1,573.50	1/4	1,939.49	1/4	2,305.48	1/4	2,671.48	1/4	3,037.44	1/4	3,403.24
1/2	150.90	1/2	484.26	1/2	849.53	1/2	1,215.14	1/2	1,581.13	1/2	1,947.12	1/2	2,313.11	1/2	2,679.10	1/2	3,045.06	1/2	3,410.86
3/4	157.30	3/4	491.75	3/4	857.14	3/4	1,222.76	3/4	1,588.75	3/4	1,954.74	3/4	2,320.73	3/4	2,686.72	3/4	3,052.68	3/4	3,418.48
6	163.70	6	499.24	6	864.75	6	1,230.39	6	1,596.38	6	1,962.37	6	2,328.36	6	2,694.35	6	3,060.30	6	3,426.10
1/4	170.19	1/4	506.81	1/4	872.36	1/4	1,238.01	1/4	1,604.00	1/4	1,969.99	1/4	2,335.98	1/4	2,701.97	1/4	3,067.92	1/4	3,433.72
1/2	176.69	1/2	514.37	1/2	879.98	1/2	1,245.64	1/2	1,611.63	1/2	1,977.62	1/2	2,343.61	1/2	2,709.60	1/2	3,075.54	1/2	3,441.34
3/4	183.18	3/4	521.93	3/4	887.59	3/4	1,253.26	3/4	1,619.25	3/4	1,985.24	3/4	2,351.23	3/4	2,717.22	3/4	3,083.16	3/4	3,448.96
7	189.67	7	529.50	7	895.20	7	1,260.89	7	1,626.88	7	1,992.87	7	2,358.86	7	2,724.85	7	3,090.78	7	3,456.58
1/4	196.25	1/4	537.10	1/4	902.81	1/4	1,268.51	1/4	1,634.50	1/4	2,000.49	1/4	2,366.48	1/4	2,732.47	1/4	3,098.40	1/4	3,464.20
1/2	202.83	1/2	544.71	1/2	910.42	1/2	1,276.14	1/2	1,642.13	1/2	2,008.12	1/2	2,374.11	1/2	2,740.10	1/2	3,106.03	1/2	3,471.82
3/4	209.42	3/4	552.32	3/4	918.03	3/4	1,283.76	3/4	1,649.75	3/4	2,015.74	3/4	2,381.73	3/4	2,747.72	3/4	3,113.65	3/4	3,479.44
8	216.00	8	559.92	8	925.64	8	1,291.39	8	1,657.38	8	2,023.37	8	2,389.36	8	2,755.35	8	3,121.27	8	3,487.07
1/4	222.67	1/4	567.54	1/4	933.25	1/4	1,299.01	1/4	1,665.00	1/4	2,030.99	1/4	2,396.98	1/4	2,762.97	1/4	3,128.89	1/4	3,494.69
1/2	229.35	1/2	575.16	1/2	940.86	1/2	1,306.64	1/2	1,672.63	1/2	2,038.62	1/2	2,404.61	1/2	2,770.60	1/2	3,136.51	1/2	3,502.31
3/4	236.02	3/4	582.78	3/4	948.47	3/4	1,314.26	3/4	1,680.25	3/4	2,046.24	3/4	2,412.23	3/4	2,778.22	3/4	3,144.13	3/4	3,509.93
9	242.69	9	590.41	9	956.08	9	1,321.89	9	1,687.88	9	2,053.87	9	2,419.86	9	2,785.85	9	3,151.75	9	3,517.55
1/4	249.46	1/4	598.03	1/4	963.70	1/4	1,329.51	1/4	1,695.50	1/4	2,061.49	1/4	2,427.48	1/4	2,793.47	1/4	3,159.37	1/4	3,525.17
1/2	256.22	1/2	605.65	1/2	971.31	1/2	1,337.14	1/2	1,703.13	1/2	2,069.12	1/2	2,435.11	1/2	2,801.10	1/2	3,166.99	1/2	3,532.79
3/4	262.99	3/4	613.28	3/4	978.92	3/4	1,344.76	3/4	1,710.75	3/4	2,076.74	3/4	2,442.73	3/4	2,808.72	3/4	3,174.61	3/4	3,540.41
10	269.75	10	620.90	10	986.53	10	1,352.38	10	1,718.38	10	2,084.37	10	2,450.36	10	2,816.35	10	3,182.23	10	3,548.03
1/4	276.60	1/4	628.53	1/4	994.14	1/4	1,360.01	1/4	1,726.00	1/4	2,091.99	1/4	2,457.98	1/4	2,823.97	1/4	3,189.85	1/4	3,555.65
1/2	283.46	1/2	636.15	1/2	1,001.75	1/2	1,367.63	1/2	1,733.62	1/2	2,099.62	1/2	2,465.61	1/2	2,831.60	1/2	3,197.47	1/2	3,563.27
3/4	290.31	3/4	643.78	3/4	1,009.36	3/4	1,375.26	3/4	1,741.25	3/4	2,107.24	3/4	2,473.23	3/4	2,839.22	3/4	3,205.10	3/4	3,570.89
11	297.17	11	651.40	11	1,016.97	11	1,382.88	11	1,748.87	11	2,114.86	11	2,480.86	11	2,846.85	11	3,212.72	11	3,578.51
1/4	304.11	1/4	659.03	1/4	1,024.59	1/4	1,390.51	1/4	1,756.50	1/4	2,122.49	1/4	2,488.48	1/4	2,854.47	1/4	3,220.34	1/4	3,586.14
1/2	311.06	1/2	666.65	1/2	1,032.20	1/2	1,398.13	1/2	1,764.12	1/2	2,130.11	1/2	2,496.10	1/2	2,862.10	1/2	3,227.96	1/2	3,593.76
3/4	318.00	3/4	674.28	3/4	1,039.82	3/4	1,405.76	3/4	1,771.75	3/4	2,137.74	3/4	2,503.73	3/4	2,869.72	3/4	3,235.58	3/4	3,601.38

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 336"

1 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,609.00	0	3,974.80	0	4,337.76	0	4,682.07	0	5,014.65	0		0		0		0		0	
1/4	3,616.62	1/4	3,982.42	1/4	4,345.14	1/4	4,689.01	1/4	5,022.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,624.24	1/2	3,990.04	1/2	4,352.53	1/2	4,695.95	1/2	5,029.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,631.86	3/4	3,997.66	3/4	4,359.91	3/4	4,702.89	3/4	5,037.34	3/4		3/4		3/4		3/4		3/4	
1	3,639.48	1	4,005.28	1	4,367.29	1	4,709.83	1	5,044.91	1		1		1		1		1	
1/4	3,647.10	1/4	4,012.90	1/4	4,374.64	1/4	4,716.71	1/4	5,052.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,654.72	1/2	4,020.52	1/2	4,381.98	1/2	4,723.60	1/2	5,059.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,662.34	3/4	4,028.14	3/4	4,389.33	3/4	4,730.49	3/4	5,066.45	3/4		3/4		3/4		3/4		3/4	
2	3,669.96	2	4,035.76	2	4,396.68	2	4,737.37	2	5,073.63	2		2		2		2		2	
1/4	3,677.59	1/4	4,043.38	1/4	4,403.98	1/4	4,744.20	1/4	5,079.67	1/4		1/4		1/4		1/4		1/4	
1/2	3,685.21	1/2	4,051.00	1/2	4,411.29	1/2	4,751.04	1/2	5,085.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,692.83	3/4	4,058.63	3/4	4,418.59	3/4	4,757.87	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,700.45	3	4,066.25	3	4,425.89	3	4,764.70	3		3		3		3		3		3	
1/4	3,708.07	1/4	4,073.87	1/4	4,433.15	1/4	4,771.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.69	1/2	4,081.49	1/2	4,440.40	1/2	4,778.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,723.31	3/4	4,089.11	3/4	4,447.66	3/4	4,785.10	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,730.93	4	4,096.73	4	4,454.91	4	4,791.90	4		4		4		4		4		4	
1/4	3,738.55	1/4	4,104.35	1/4	4,462.13	1/4	4,798.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.17	1/2	4,111.97	1/2	4,469.35	1/2	4,805.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.79	3/4	4,119.59	3/4	4,476.56	3/4	4,812.19	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,761.41	5	4,127.21	5	4,483.78	5	4,818.96	5		5		5		5		5		5	
1/4	3,769.03	1/4	4,134.83	1/4	4,490.96	1/4	4,825.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.66	1/2	4,142.44	1/2	4,498.15	1/2	4,832.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,784.28	3/4	4,150.05	3/4	4,505.33	3/4	4,839.15	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,791.90	6	4,157.67	6	4,512.51	6	4,845.89	6		6		6		6		6		6	
1/4	3,799.52	1/4	4,165.26	1/4	4,519.66	1/4	4,852.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.14	1/2	4,172.85	1/2	4,526.81	1/2	4,859.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.76	3/4	4,180.44	3/4	4,533.96	3/4	4,865.97	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,822.38	7	4,188.03	7	4,541.11	7	4,872.66	7		7		7		7		7		7	
1/4	3,830.00	1/4	4,195.59	1/4	4,548.23	1/4	4,879.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.62	1/2	4,203.15	1/2	4,555.34	1/2	4,885.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.24	3/4	4,210.71	3/4	4,562.46	3/4	4,892.64	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,852.86	8	4,218.27	8	4,569.58	8	4,899.29	8		8		8		8		8		8	
1/4	3,860.48	1/4	4,225.79	1/4	4,576.66	1/4	4,905.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,868.11	1/2	4,233.31	1/2	4,583.74	1/2	4,912.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.73	3/4	4,240.84	3/4	4,590.82	3/4	4,919.17	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,883.35	9	4,248.36	9	4,597.90	9	4,925.80	9		9		9		9		9		9	
1/4	3,890.97	1/4	4,255.85	1/4	4,604.95	1/4	4,932.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,898.59	1/2	4,263.34	1/2	4,612.00	1/2	4,939.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,906.21	3/4	4,270.82	3/4	4,619.05	3/4	4,947.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,913.83	10	4,278.31	10	4,626.10	10	4,954.15	10		10		10		10		10		10	
1/4	3,921.45	1/4	4,285.76	1/4	4,633.12	1/4	4,961.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,929.07	1/2	4,293.21	1/2	4,640.13	1/2	4,969.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,936.69	3/4	4,300.66	3/4	4,647.15	3/4	4,976.84	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,944.31	11	4,308.10	11	4,654.16	11	4,984.40	11		11		11		11		11		11	
1/4	3,951.93	1/4	4,315.52	1/4	4,661.14	1/4	4,991.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,959.55	1/2	4,322.93	1/2	4,668.12	1/2	4,999.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,967.18	3/4	4,330.35	3/4	4,675.09	3/4	5,007.09	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P. O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 336"

2 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.69	0	358.94	0	703.36	0	1,037.46	0	1,377.85	0	1,722.28	0	2,066.70	0	2,411.13	0	2,755.56	0	3,099.85
1/4	29.07	1/4	366.12	1/4	710.53	1/4	1,044.34	1/4	1,385.02	1/4	1,729.45	1/4	2,073.88	1/4	2,418.31	1/4	2,762.74	1/4	3,107.03
1/2	34.45	1/2	373.29	1/2	717.71	1/2	1,051.22	1/2	1,392.20	1/2	1,736.63	1/2	2,081.06	1/2	2,425.48	1/2	2,769.91	1/2	3,114.20
3/4	39.83	3/4	380.47	3/4	724.88	3/4	1,058.10	3/4	1,399.37	3/4	1,743.80	3/4	2,088.23	3/4	2,432.66	3/4	2,777.09	3/4	3,121.37
1	45.21	1	387.64	1	732.06	1	1,064.98	1	1,406.55	1	1,750.98	1	2,095.41	1	2,439.84	1	2,784.26	1	3,128.54
1/4	51.92	1/4	394.82	1/4	739.23	1/4	1,071.86	1/4	1,413.72	1/4	1,758.15	1/4	2,102.58	1/4	2,447.01	1/4	2,791.44	1/4	3,135.71
1/2	58.63	1/2	401.99	1/2	746.41	1/2	1,078.75	1/2	1,420.90	1/2	1,765.33	1/2	2,109.76	1/2	2,454.19	1/2	2,798.62	1/2	3,142.88
3/4	65.34	3/4	409.17	3/4	753.58	3/4	1,085.63	3/4	1,428.08	3/4	1,772.50	3/4	2,116.93	3/4	2,461.36	3/4	2,805.79	3/4	3,150.06
2	72.04	2	416.34	2	760.76	2	1,092.52	2	1,435.25	2	1,779.68	2	2,124.11	2	2,468.54	2	2,812.97	2	3,157.23
1/4	79.20	1/4	423.52	1/4	767.93	1/4	1,099.41	1/4	1,442.43	1/4	1,786.86	1/4	2,131.28	1/4	2,475.71	1/4	2,820.14	1/4	3,164.40
1/2	86.35	1/2	430.69	1/2	775.11	1/2	1,106.30	1/2	1,449.60	1/2	1,794.03	1/2	2,138.46	1/2	2,482.89	1/2	2,827.32	1/2	3,171.57
3/4	93.50	3/4	437.87	3/4	782.28	3/4	1,113.20	3/4	1,456.78	3/4	1,801.21	3/4	2,145.64	3/4	2,490.06	3/4	2,834.49	3/4	3,178.74
3	100.66	3	445.05	3	789.46	3	1,120.09	3	1,463.95	3	1,808.38	3	2,152.81	3	2,497.24	3	2,841.67	3	3,185.91
1/4	107.83	1/4	452.22	1/4	796.48	1/4	1,127.12	1/4	1,471.13	1/4	1,815.56	1/4	2,159.99	1/4	2,504.42	1/4	2,848.84	1/4	3,193.08
1/2	115.00	1/2	459.40	1/2	803.51	1/2	1,134.16	1/2	1,478.30	1/2	1,822.73	1/2	2,167.16	1/2	2,511.59	1/2	2,856.02	1/2	3,200.26
3/4	122.16	3/4	466.57	3/4	810.53	3/4	1,141.19	3/4	1,485.48	3/4	1,829.91	3/4	2,174.34	3/4	2,518.77	3/4	2,863.19	3/4	3,207.43
4	129.33	4	473.75	4	817.56	4	1,148.23	4	1,492.66	4	1,837.08	4	2,181.51	4	2,525.94	4	2,870.36	4	3,214.60
1/4	136.51	1/4	480.92	1/4	824.43	1/4	1,155.40	1/4	1,499.83	1/4	1,844.26	1/4	2,188.69	1/4	2,533.12	1/4	2,877.53	1/4	3,221.77
1/2	143.68	1/2	488.10	1/2	831.30	1/2	1,162.58	1/2	1,507.01	1/2	1,851.44	1/2	2,195.86	1/2	2,540.29	1/2	2,884.71	1/2	3,228.94
3/4	150.86	3/4	495.27	3/4	838.17	3/4	1,169.75	3/4	1,514.18	3/4	1,858.61	3/4	2,203.04	3/4	2,547.47	3/4	2,891.88	3/4	3,236.11
5	158.03	5	502.45	5	845.05	5	1,176.93	5	1,521.36	5	1,865.79	5	2,210.22	5	2,554.64	5	2,899.05	5	3,243.29
1/4	165.21	1/4	509.62	1/4	851.92	1/4	1,184.11	1/4	1,528.53	1/4	1,872.96	1/4	2,217.39	1/4	2,561.82	1/4	2,906.22	1/4	3,250.46
1/2	172.38	1/2	516.80	1/2	858.79	1/2	1,191.28	1/2	1,535.71	1/2	1,880.14	1/2	2,224.57	1/2	2,569.00	1/2	2,913.39	1/2	3,257.63
3/4	179.56	3/4	523.97	3/4	865.66	3/4	1,198.46	3/4	1,542.89	3/4	1,887.31	3/4	2,231.74	3/4	2,576.17	3/4	2,920.56	3/4	3,264.80
6	186.73	6	531.15	6	872.53	6	1,205.63	6	1,550.06	6	1,894.49	6	2,238.92	6	2,583.35	6	2,927.74	6	3,271.97
1/4	193.91	1/4	538.32	1/4	879.40	1/4	1,212.81	1/4	1,557.24	1/4	1,901.67	1/4	2,246.09	1/4	2,590.52	1/4	2,934.91	1/4	3,279.14
1/2	201.09	1/2	545.50	1/2	886.27	1/2	1,219.98	1/2	1,564.41	1/2	1,908.84	1/2	2,253.27	1/2	2,597.70	1/2	2,942.08	1/2	3,286.32
3/4	208.26	3/4	552.67	3/4	893.15	3/4	1,227.16	3/4	1,571.59	3/4	1,916.02	3/4	2,260.45	3/4	2,604.87	3/4	2,949.25	3/4	3,293.49
7	215.44	7	559.85	7	900.02	7	1,234.33	7	1,578.76	7	1,923.19	7	2,267.62	7	2,612.05	7	2,956.42	7	3,300.66
1/4	222.61	1/4	567.03	1/4	906.89	1/4	1,241.51	1/4	1,585.94	1/4	1,930.37	1/4	2,274.80	1/4	2,619.23	1/4	2,963.59	1/4	3,307.83
1/2	229.79	1/2	574.20	1/2	913.76	1/2	1,248.69	1/2	1,593.11	1/2	1,937.54	1/2	2,281.97	1/2	2,626.40	1/2	2,970.77	1/2	3,315.00
3/4	236.96	3/4	581.38	3/4	920.63	3/4	1,255.86	3/4	1,600.29	3/4	1,944.72	3/4	2,289.15	3/4	2,633.58	3/4	2,977.94	3/4	3,322.17
8	244.14	8	588.55	8	927.50	8	1,263.04	8	1,607.47	8	1,951.89	8	2,296.32	8	2,640.75	8	2,985.11	8	3,329.35
1/4	251.31	1/4	595.73	1/4	934.38	1/4	1,270.21	1/4	1,614.64	1/4	1,959.07	1/4	2,303.50	1/4	2,647.93	1/4	2,992.28	1/4	3,336.52
1/2	258.49	1/2	602.90	1/2	941.25	1/2	1,277.39	1/2	1,621.82	1/2	1,966.25	1/2	2,310.67	1/2	2,655.10	1/2	2,999.45	1/2	3,343.69
3/4	265.66	3/4	610.08	3/4	948.12	3/4	1,284.56	3/4	1,628.99	3/4	1,973.42	3/4	2,317.85	3/4	2,662.28	3/4	3,006.62	3/4	3,350.86
9	272.84	9	617.25	9	954.99	9	1,291.74	9	1,636.17	9	1,980.60	9	2,325.03	9	2,669.45	9	3,013.79	9	3,358.03
1/4	280.01	1/4	624.43	1/4	961.86	1/4	1,298.91	1/4	1,643.34	1/4	1,987.77	1/4	2,332.20	1/4	2,676.63	1/4	3,020.97	1/4	3,365.20
1/2	287.19	1/2	631.60	1/2	968.73	1/2	1,306.09	1/2	1,650.52	1/2	1,994.95	1/2	2,339.38	1/2	2,683.81	1/2	3,028.14	1/2	3,372.37
3/4	294.36	3/4	638.78	3/4	975.60	3/4	1,313.27	3/4	1,657.69	3/4	2,002.12	3/4	2,346.55	3/4	2,690.98	3/4	3,035.31	3/4	3,379.55
10	301.54	10	645.95	10	982.48	10	1,320.44	10	1,664.87	10	2,009.30	10	2,353.73	10	2,698.16	10	3,042.48	10	3,386.72
1/4	308.71	1/4	653.13	1/4	989.35	1/4	1,327.62	1/4	1,672.05	1/4	2,016.47	1/4	2,360.90	1/4	2,705.33	1/4	3,049.65	1/4	3,393.89
1/2	315.89	1/2	660.30	1/2	996.22	1/2	1,334.79	1/2	1,679.22	1/2	2,023.65	1/2	2,368.08	1/2	2,712.51	1/2	3,056.82	1/2	3,401.06
3/4	323.07	3/4	667.48	3/4	1,003.09	3/4	1,341.97	3/4	1,686.40	3/4	2,030.83	3/4	2,375.25	3/4	2,719.68	3/4	3,064.00	3/4	3,408.23
11	330.24	11	674.65	11	1,009.96	11	1,349.14	11	1,693.57	11	2,038.00	11	2,382.43	11	2,726.86	11	3,071.17	11	3,415.40
1/4	337.42	1/4	681.83	1/4	1,016.84	1/4	1,356.32	1/4	1,700.75	1/4	2,045.18	1/4	2,389.61	1/4	2,734.03	1/4	3,078.34	1/4	3,422.58
1/2	344.59	1/2	689.01	1/2	1,023.71	1/2	1,363.50	1/2	1,707.92	1/2	2,052.35	1/2	2,396.78	1/2	2,741.21	1/2	3,085.51	1/2	3,429.75
3/4	351.77	3/4	696.18	3/4	1,030.59	3/4	1,370.67	3/4	1,715.10	3/4	2,059.53	3/4	2,403.96	3/4	2,748.39	3/4	3,092.68	3/4	3,436.92

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 336"

2 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,444.09	0	3,788.33	0	4,129.90	0	4,453.86	0	4,766.67	0		0		0		0		0	
1/4	3,451.26	1/4	3,795.50	1/4	4,136.84	1/4	4,460.39	1/4	4,773.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,458.43	1/2	3,802.67	1/2	4,143.79	1/2	4,466.91	1/2	4,780.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,465.61	3/4	3,809.84	3/4	4,150.74	3/4	4,473.44	3/4	4,788.01	3/4		3/4		3/4		3/4		3/4	
1	3,472.78	1	3,817.01	1	4,157.68	1	4,479.97	1	4,795.13	1		1		1		1		1	
1/4	3,479.95	1/4	3,824.19	1/4	4,164.60	1/4	4,486.45	1/4	4,801.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,487.12	1/2	3,831.36	1/2	4,171.51	1/2	4,492.93	1/2	4,808.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,494.29	3/4	3,838.53	3/4	4,178.43	3/4	4,499.40	3/4	4,815.40	3/4		3/4		3/4		3/4		3/4	
2	3,501.46	2	3,845.70	2	4,185.34	2	4,505.88	2	4,822.15	2		2		2		2		2	
1/4	3,508.64	1/4	3,852.87	1/4	4,192.21	1/4	4,512.31	1/4	4,827.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,515.81	1/2	3,860.04	1/2	4,199.09	1/2	4,518.73	1/2	4,833.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,522.98	3/4	3,867.22	3/4	4,205.96	3/4	4,525.16	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,530.15	3	3,874.39	3	4,212.83	3	4,531.59	3		3		3		3		3		3	
1/4	3,537.32	1/4	3,881.56	1/4	4,219.66	1/4	4,537.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,544.49	1/2	3,888.73	1/2	4,226.48	1/2	4,544.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,551.66	3/4	3,895.90	3/4	4,233.31	3/4	4,550.77	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,558.84	4	3,903.07	4	4,240.13	4	4,557.16	4		4		4		4		4		4	
1/4	3,566.01	1/4	3,910.24	1/4	4,246.92	1/4	4,563.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,573.18	1/2	3,917.42	1/2	4,253.71	1/2	4,569.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,580.35	3/4	3,924.59	3/4	4,260.50	3/4	4,576.25	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,587.52	5	3,931.76	5	4,267.29	5	4,582.61	5		5		5		5		5		5	
1/4	3,594.69	1/4	3,938.92	1/4	4,274.05	1/4	4,588.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,601.87	1/2	3,946.09	1/2	4,280.81	1/2	4,595.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,609.04	3/4	3,953.25	3/4	4,287.57	3/4	4,601.61	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,616.21	6	3,960.42	6	4,294.33	6	4,607.94	6		6		6		6		6		6	
1/4	3,623.38	1/4	3,967.56	1/4	4,301.05	1/4	4,614.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,630.55	1/2	3,974.71	1/2	4,307.78	1/2	4,620.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,637.72	3/4	3,981.85	3/4	4,314.51	3/4	4,626.82	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,644.90	7	3,989.00	7	4,321.23	7	4,633.12	7		7		7		7		7		7	
1/4	3,652.07	1/4	3,996.11	1/4	4,327.93	1/4	4,639.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,659.24	1/2	4,003.22	1/2	4,334.63	1/2	4,645.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.41	3/4	4,010.33	3/4	4,341.32	3/4	4,651.91	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,673.58	8	4,017.44	8	4,348.02	8	4,658.17	8		8		8		8		8		8	
1/4	3,680.75	1/4	4,024.53	1/4	4,354.68	1/4	4,664.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,687.93	1/2	4,031.61	1/2	4,361.34	1/2	4,670.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,695.10	3/4	4,038.69	3/4	4,368.01	3/4	4,676.86	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,702.27	9	4,045.77	9	4,374.67	9	4,683.10	9		9		9		9		9		9	
1/4	3,709.44	1/4	4,052.81	1/4	4,381.30	1/4	4,689.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.61	1/2	4,059.86	1/2	4,387.93	1/2	4,696.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,723.78	3/4	4,066.90	3/4	4,394.56	3/4	4,703.09	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,730.95	10	4,073.95	10	4,401.20	10	4,709.76	10		10		10		10		10		10	
1/4	3,738.13	1/4	4,080.96	1/4	4,407.80	1/4	4,716.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.30	1/2	4,087.97	1/2	4,414.40	1/2	4,723.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.47	3/4	4,094.98	3/4	4,421.00	3/4	4,731.10	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,759.64	11	4,101.99	11	4,427.60	11	4,738.21	11		11		11		11		11		11	
1/4	3,766.81	1/4	4,108.96	1/4	4,434.16	1/4	4,745.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.98	1/2	4,115.94	1/2	4,440.73	1/2	4,752.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.16	3/4	4,122.92	3/4	4,447.29	3/4	4,759.56	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 336"

2 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.67	0	358.76	0	703.00	0	1,046.83	0	1,391.05	0	1,735.31	0	2,079.57	0	2,423.82	0	2,768.08	0	3,112.19
1/4	29.05	1/4	365.93	1/4	710.17	1/4	1,054.00	1/4	1,398.23	1/4	1,742.48	1/4	2,086.74	1/4	2,430.99	1/4	2,775.25	1/4	3,119.36
1/2	34.43	1/2	373.10	1/2	717.35	1/2	1,061.17	1/2	1,405.40	1/2	1,749.65	1/2	2,093.91	1/2	2,438.17	1/2	2,782.42	1/2	3,126.53
3/4	39.81	3/4	380.28	3/4	724.52	3/4	1,068.33	3/4	1,412.57	3/4	1,756.83	3/4	2,101.08	3/4	2,445.34	3/4	2,789.59	3/4	3,133.69
1	45.19	1	387.45	1	731.69	1	1,075.50	1	1,419.74	1	1,764.00	1	2,108.25	1	2,452.51	1	2,796.77	1	3,140.86
1/4	51.89	1/4	394.62	1/4	738.86	1/4	1,082.67	1/4	1,426.91	1/4	1,771.17	1/4	2,115.43	1/4	2,459.68	1/4	2,803.94	1/4	3,148.03
1/2	58.60	1/2	401.79	1/2	746.03	1/2	1,089.84	1/2	1,434.09	1/2	1,778.34	1/2	2,122.60	1/2	2,466.85	1/2	2,811.11	1/2	3,155.20
3/4	65.30	3/4	408.96	3/4	753.20	3/4	1,097.01	3/4	1,441.26	3/4	1,785.51	3/4	2,129.77	3/4	2,474.03	3/4	2,818.28	3/4	3,162.36
2	72.01	2	416.13	2	760.38	2	1,104.17	2	1,448.43	2	1,792.69	2	2,136.94	2	2,481.20	2	2,825.45	2	3,169.53
1/4	79.16	1/4	423.31	1/4	767.55	1/4	1,111.35	1/4	1,455.60	1/4	1,799.86	1/4	2,144.11	1/4	2,488.37	1/4	2,832.63	1/4	3,176.70
1/2	86.31	1/2	430.48	1/2	774.72	1/2	1,118.52	1/2	1,462.77	1/2	1,807.03	1/2	2,151.29	1/2	2,495.54	1/2	2,839.80	1/2	3,183.87
3/4	93.46	3/4	437.65	3/4	781.89	3/4	1,125.69	3/4	1,469.95	3/4	1,814.20	3/4	2,158.46	3/4	2,502.71	3/4	2,846.97	3/4	3,191.04
3	100.60	3	444.82	3	789.06	3	1,132.86	3	1,477.12	3	1,821.37	3	2,165.63	3	2,509.89	3	2,854.14	3	3,198.20
1/4	107.77	1/4	451.99	1/4	796.23	1/4	1,140.03	1/4	1,484.29	1/4	1,828.55	1/4	2,172.80	1/4	2,517.06	1/4	2,861.31	1/4	3,205.37
1/2	114.94	1/2	459.16	1/2	803.40	1/2	1,147.21	1/2	1,491.46	1/2	1,835.72	1/2	2,179.97	1/2	2,524.23	1/2	2,868.48	1/2	3,212.54
3/4	122.10	3/4	466.34	3/4	810.56	3/4	1,154.38	3/4	1,498.63	3/4	1,842.89	3/4	2,187.15	3/4	2,531.40	3/4	2,875.65	3/4	3,219.71
4	129.27	4	473.51	4	817.73	4	1,161.55	4	1,505.81	4	1,850.06	4	2,194.32	4	2,538.57	4	2,882.82	4	3,226.88
1/4	136.44	1/4	480.68	1/4	824.89	1/4	1,168.72	1/4	1,512.98	1/4	1,857.23	1/4	2,201.49	1/4	2,545.75	1/4	2,889.98	1/4	3,234.04
1/2	143.61	1/2	487.85	1/2	832.05	1/2	1,175.89	1/2	1,520.15	1/2	1,864.41	1/2	2,208.66	1/2	2,552.92	1/2	2,897.15	1/2	3,241.21
3/4	150.78	3/4	495.02	3/4	839.21	3/4	1,183.07	3/4	1,527.32	3/4	1,871.58	3/4	2,215.83	3/4	2,560.09	3/4	2,904.32	3/4	3,248.38
5	157.95	5	502.19	5	846.36	5	1,190.24	5	1,534.49	5	1,878.75	5	2,223.01	5	2,567.26	5	2,911.49	5	3,255.55
1/4	165.12	1/4	509.37	1/4	853.52	1/4	1,197.41	1/4	1,541.67	1/4	1,885.92	1/4	2,230.18	1/4	2,574.43	1/4	2,918.66	1/4	3,262.72
1/2	172.30	1/2	516.54	1/2	860.68	1/2	1,204.58	1/2	1,548.84	1/2	1,893.09	1/2	2,237.35	1/2	2,581.61	1/2	2,925.82	1/2	3,269.88
3/4	179.47	3/4	523.71	3/4	867.84	3/4	1,211.75	3/4	1,556.01	3/4	1,900.27	3/4	2,244.52	3/4	2,588.78	3/4	2,932.99	3/4	3,277.05
6	186.64	6	530.88	6	875.00	6	1,218.93	6	1,563.18	6	1,907.44	6	2,251.69	6	2,595.95	6	2,940.16	6	3,284.22
1/4	193.81	1/4	538.05	1/4	882.16	1/4	1,226.10	1/4	1,570.35	1/4	1,914.61	1/4	2,258.87	1/4	2,603.12	1/4	2,947.33	1/4	3,291.39
1/2	200.98	1/2	545.22	1/2	889.32	1/2	1,233.27	1/2	1,577.53	1/2	1,921.78	1/2	2,266.04	1/2	2,610.29	1/2	2,954.50	1/2	3,298.55
3/4	208.16	3/4	552.40	3/4	896.48	3/4	1,240.44	3/4	1,584.70	3/4	1,928.95	3/4	2,273.21	3/4	2,617.47	3/4	2,961.66	3/4	3,305.72
7	215.33	7	559.57	7	903.64	7	1,247.61	7	1,591.87	7	1,936.13	7	2,280.38	7	2,624.64	7	2,968.83	7	3,312.89
1/4	222.50	1/4	566.74	1/4	910.80	1/4	1,254.79	1/4	1,599.04	1/4	1,943.30	1/4	2,287.55	1/4	2,631.81	1/4	2,976.00	1/4	3,320.06
1/2	229.67	1/2	573.91	1/2	917.95	1/2	1,261.96	1/2	1,606.21	1/2	1,950.47	1/2	2,294.73	1/2	2,638.98	1/2	2,983.17	1/2	3,327.23
3/4	236.84	3/4	581.08	3/4	925.11	3/4	1,269.13	3/4	1,613.39	3/4	1,957.64	3/4	2,301.90	3/4	2,646.15	3/4	2,990.33	3/4	3,334.39
8	244.01	8	588.26	8	932.27	8	1,276.30	8	1,620.56	8	1,964.81	8	2,309.07	8	2,653.33	8	2,997.50	8	3,341.56
1/4	251.19	1/4	595.43	1/4	939.43	1/4	1,283.47	1/4	1,627.73	1/4	1,971.99	1/4	2,316.24	1/4	2,660.50	1/4	3,004.67	1/4	3,348.73
1/2	258.36	1/2	602.60	1/2	946.59	1/2	1,290.65	1/2	1,634.90	1/2	1,979.16	1/2	2,323.41	1/2	2,667.67	1/2	3,011.84	1/2	3,355.90
3/4	265.53	3/4	609.77	3/4	953.75	3/4	1,297.82	3/4	1,642.07	3/4	1,986.33	3/4	2,330.59	3/4	2,674.84	3/4	3,019.01	3/4	3,363.07
9	272.70	9	616.94	9	960.91	9	1,304.99	9	1,649.25	9	1,993.50	9	2,337.76	9	2,682.01	9	3,026.17	9	3,370.23
1/4	279.87	1/4	624.11	1/4	968.07	1/4	1,312.16	1/4	1,656.42	1/4	2,000.67	1/4	2,344.93	1/4	2,689.19	1/4	3,033.34	1/4	3,377.40
1/2	287.04	1/2	631.29	1/2	975.23	1/2	1,319.33	1/2	1,663.59	1/2	2,007.85	1/2	2,352.10	1/2	2,696.36	1/2	3,040.51	1/2	3,384.57
3/4	294.22	3/4	638.46	3/4	982.39	3/4	1,326.51	3/4	1,670.76	3/4	2,015.02	3/4	2,359.27	3/4	2,703.53	3/4	3,047.68	3/4	3,391.74
10	301.39	10	645.63	10	989.54	10	1,333.68	10	1,677.93	10	2,022.19	10	2,366.45	10	2,710.70	10	3,054.85	10	3,398.91
1/4	308.56	1/4	652.80	1/4	996.70	1/4	1,340.85	1/4	1,685.11	1/4	2,029.36	1/4	2,373.62	1/4	2,717.87	1/4	3,062.01	1/4	3,406.07
1/2	315.73	1/2	659.97	1/2	1,003.86	1/2	1,348.02	1/2	1,692.28	1/2	2,036.53	1/2	2,380.79	1/2	2,725.05	1/2	3,069.18	1/2	3,413.24
3/4	322.90	3/4	667.14	3/4	1,011.02	3/4	1,355.19	3/4	1,699.45	3/4	2,043.71	3/4	2,387.96	3/4	2,732.22	3/4	3,076.35	3/4	3,420.41
11	330.07	11	674.32	11	1,018.18	11	1,362.37	11	1,706.62	11	2,050.88	11	2,395.13	11	2,739.39	11	3,083.52	11	3,427.58
1/4	337.25	1/4	681.49	1/4	1,025.34	1/4	1,369.54	1/4	1,713.79	1/4	2,058.05	1/4	2,402.31	1/4	2,746.56	1/4	3,090.69	1/4	3,434.74
1/2	344.42	1/2	688.66	1/2	1,032.51	1/2	1,376.71	1/2	1,720.97	1/2	2,065.22	1/2	2,409.48	1/2	2,753.73	1/2	3,097.85	1/2	3,441.91
3/4	351.59	3/4	695.83	3/4	1,039.67	3/4	1,383.88	3/4	1,728.14	3/4	2,072.39	3/4	2,416.65	3/4	2,760.91	3/4	3,105.02	3/4	3,449.08

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 336"

2 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,456.25	0	3,800.31	0	4,141.72	0	4,465.51	0	4,778.17	0		0		0		0		0	
1/4	3,463.42	1/4	3,807.48	1/4	4,148.66	1/4	4,472.04	1/4	4,785.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,470.58	1/2	3,814.64	1/2	4,155.60	1/2	4,478.56	1/2	4,792.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,477.75	3/4	3,821.81	3/4	4,162.54	3/4	4,485.09	3/4	4,799.50	3/4		3/4		3/4		3/4		3/4	
1	3,484.92	1	3,828.98	1	4,169.49	1	4,491.61	1	4,806.61	1		1		1		1		1	
1/4	3,492.09	1/4	3,836.15	1/4	4,176.40	1/4	4,498.09	1/4	4,813.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,499.26	1/2	3,843.31	1/2	4,183.31	1/2	4,504.56	1/2	4,820.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,506.42	3/4	3,850.48	3/4	4,190.22	3/4	4,511.03	3/4	4,826.87	3/4		3/4		3/4		3/4		3/4	
2	3,513.59	2	3,857.65	2	4,197.13	2	4,517.51	2	4,833.62	2		2		2		2		2	
1/4	3,520.76	1/4	3,864.82	1/4	4,204.00	1/4	4,523.93	1/4	4,839.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,527.93	1/2	3,871.99	1/2	4,210.87	1/2	4,530.35	1/2	4,844.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,535.10	3/4	3,879.15	3/4	4,217.74	3/4	4,536.78	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,542.26	3	3,886.32	3	4,224.61	3	4,543.20	3		3		3		3		3		3	
1/4	3,549.43	1/4	3,893.49	1/4	4,231.43	1/4	4,549.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,556.60	1/2	3,900.66	1/2	4,238.25	1/2	4,555.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,563.77	3/4	3,907.83	3/4	4,245.07	3/4	4,562.37	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,570.93	4	3,914.99	4	4,251.90	4	4,568.76	4		4		4		4		4		4	
1/4	3,578.10	1/4	3,922.16	1/4	4,258.68	1/4	4,575.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,585.27	1/2	3,929.33	1/2	4,265.47	1/2	4,581.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,592.44	3/4	3,936.50	3/4	4,272.26	3/4	4,587.84	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,599.61	5	3,943.67	5	4,279.04	5	4,594.20	5		5		5		5		5		5	
1/4	3,606.77	1/4	3,950.83	1/4	4,285.80	1/4	4,600.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,613.94	1/2	3,957.99	1/2	4,292.55	1/2	4,606.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,621.11	3/4	3,965.16	3/4	4,299.31	3/4	4,613.19	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,628.28	6	3,972.32	6	4,306.06	6	4,619.51	6		6		6		6		6		6	
1/4	3,635.45	1/4	3,979.46	1/4	4,312.79	1/4	4,625.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,642.61	1/2	3,986.60	1/2	4,319.51	1/2	4,632.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,649.78	3/4	3,993.74	3/4	4,326.23	3/4	4,638.39	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,656.95	7	4,000.88	7	4,332.96	7	4,644.68	7		7		7		7		7		7	
1/4	3,664.12	1/4	4,007.99	1/4	4,339.65	1/4	4,650.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,671.29	1/2	4,015.10	1/2	4,346.34	1/2	4,657.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,678.45	3/4	4,022.21	3/4	4,353.03	3/4	4,663.46	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,685.62	8	4,029.32	8	4,359.72	8	4,669.72	8		8		8		8		8		8	
1/4	3,692.79	1/4	4,036.40	1/4	4,366.38	1/4	4,675.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,699.96	1/2	4,043.47	1/2	4,373.04	1/2	4,682.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,707.12	3/4	4,050.55	3/4	4,379.70	3/4	4,688.40	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,714.29	9	4,057.63	9	4,386.36	9	4,694.63	9		9		9		9		9		9	
1/4	3,721.46	1/4	4,064.67	1/4	4,392.99	1/4	4,701.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,728.63	1/2	4,071.71	1/2	4,399.62	1/2	4,707.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,735.80	3/4	4,078.75	3/4	4,406.25	3/4	4,714.62	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,742.96	10	4,085.79	10	4,412.88	10	4,721.28	10		10		10		10		10		10	
1/4	3,750.13	1/4	4,092.80	1/4	4,419.47	1/4	4,728.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.30	1/2	4,099.81	1/2	4,426.07	1/2	4,735.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.47	3/4	4,106.81	3/4	4,432.67	3/4	4,742.61	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,771.64	11	4,113.82	11	4,439.26	11	4,749.72	11		11		11		11		11		11	
1/4	3,778.80	1/4	4,120.79	1/4	4,445.83	1/4	4,756.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,785.97	1/2	4,127.77	1/2	4,452.39	1/2	4,763.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,793.14	3/4	4,134.74	3/4	4,458.95	3/4	4,771.06	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 336"

3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	25.04	0	379.29	0	743.08	0	1,098.97	0	1,459.56	0	1,823.17	0	2,184.65	0	2,546.16	0	2,909.52	0	3,272.69
1/4	30.73	1/4	386.87	1/4	750.66	1/4	1,106.32	1/4	1,467.14	1/4	1,830.75	1/4	2,192.17	1/4	2,553.73	1/4	2,917.09	1/4	3,280.25
1/2	36.42	1/2	394.45	1/2	758.24	1/2	1,113.67	1/2	1,474.71	1/2	1,838.32	1/2	2,199.68	1/2	2,561.31	1/2	2,924.65	1/2	3,287.82
3/4	42.11	3/4	402.02	3/4	765.82	3/4	1,121.03	3/4	1,482.29	3/4	1,845.90	3/4	2,207.19	3/4	2,568.88	3/4	2,932.22	3/4	3,295.38
1	47.81	1	409.60	1	773.40	1	1,128.38	1	1,489.87	1	1,853.47	1	2,214.70	1	2,576.46	1	2,939.79	1	3,302.95
1/4	54.90	1/4	417.18	1/4	780.98	1/4	1,135.74	1/4	1,497.44	1/4	1,861.05	1/4	2,222.22	1/4	2,584.03	1/4	2,947.36	1/4	3,310.50
1/2	62.00	1/2	424.76	1/2	788.56	1/2	1,143.10	1/2	1,505.02	1/2	1,868.63	1/2	2,229.73	1/2	2,591.61	1/2	2,954.93	1/2	3,318.06
3/4	69.10	3/4	432.34	3/4	796.14	3/4	1,150.46	3/4	1,512.59	3/4	1,876.20	3/4	2,237.24	3/4	2,599.18	3/4	2,962.49	3/4	3,325.61
2	76.20	2	439.91	2	803.72	2	1,157.82	2	1,520.17	2	1,883.78	2	2,244.75	2	2,606.76	2	2,970.06	2	3,333.17
1/4	83.76	1/4	447.49	1/4	811.30	1/4	1,165.18	1/4	1,527.74	1/4	1,891.35	1/4	2,252.26	1/4	2,614.33	1/4	2,977.63	1/4	3,340.71
1/2	91.33	1/2	455.07	1/2	818.88	1/2	1,172.55	1/2	1,535.32	1/2	1,898.93	1/2	2,259.78	1/2	2,621.91	1/2	2,985.20	1/2	3,348.26
3/4	98.89	3/4	462.65	3/4	826.46	3/4	1,179.91	3/4	1,542.89	3/4	1,906.50	3/4	2,267.29	3/4	2,629.48	3/4	2,992.76	3/4	3,355.80
3	106.46	3	470.23	3	834.03	3	1,187.28	3	1,550.47	3	1,914.08	3	2,274.80	3	2,637.06	3	3,000.33	3	3,363.35
1/4	114.03	1/4	477.80	1/4	841.50	1/4	1,194.75	1/4	1,558.04	1/4	1,921.62	1/4	2,282.33	1/4	2,644.63	1/4	3,007.90	1/4	3,370.89
1/2	121.61	1/2	485.38	1/2	848.96	1/2	1,202.22	1/2	1,565.62	1/2	1,929.17	1/2	2,289.85	1/2	2,652.20	1/2	3,015.47	1/2	3,378.43
3/4	129.19	3/4	492.96	3/4	856.42	3/4	1,209.69	3/4	1,573.19	3/4	1,936.71	3/4	2,297.38	3/4	2,659.77	3/4	3,023.03	3/4	3,385.98
4	136.77	4	500.54	4	863.89	4	1,217.16	4	1,580.77	4	1,944.26	4	2,304.90	4	2,667.35	4	3,030.60	4	3,393.52
1/4	144.35	1/4	508.12	1/4	871.23	1/4	1,224.73	1/4	1,588.34	1/4	1,951.77	1/4	2,312.44	1/4	2,674.91	1/4	3,038.16	1/4	3,401.07
1/2	151.93	1/2	515.70	1/2	878.58	1/2	1,232.31	1/2	1,595.92	1/2	1,959.28	1/2	2,319.98	1/2	2,682.48	1/2	3,045.73	1/2	3,408.61
3/4	159.51	3/4	523.28	3/4	885.92	3/4	1,239.88	3/4	1,603.49	3/4	1,966.79	3/4	2,327.51	3/4	2,690.05	3/4	3,053.29	3/4	3,416.16
5	167.09	5	530.86	5	893.27	5	1,247.46	5	1,611.07	5	1,974.31	5	2,335.05	5	2,697.62	5	3,060.86	5	3,423.70
1/4	174.67	1/4	538.44	1/4	900.61	1/4	1,255.03	1/4	1,618.64	1/4	1,981.82	1/4	2,342.59	1/4	2,705.18	1/4	3,068.43	1/4	3,431.25
1/2	182.25	1/2	546.02	1/2	907.96	1/2	1,262.61	1/2	1,626.22	1/2	1,989.33	1/2	2,350.12	1/2	2,712.75	1/2	3,075.99	1/2	3,438.79
3/4	189.83	3/4	553.60	3/4	915.31	3/4	1,270.18	3/4	1,633.79	3/4	1,996.84	3/4	2,357.66	3/4	2,720.32	3/4	3,083.56	3/4	3,446.34
6	197.41	6	561.18	6	922.65	6	1,277.76	6	1,641.37	6	2,004.36	6	2,365.20	6	2,727.89	6	3,091.12	6	3,453.88
1/4	204.99	1/4	568.76	1/4	930.00	1/4	1,285.33	1/4	1,648.94	1/4	2,011.87	1/4	2,372.73	1/4	2,735.46	1/4	3,098.69	1/4	3,461.43
1/2	212.57	1/2	576.34	1/2	937.34	1/2	1,292.91	1/2	1,656.52	1/2	2,019.38	1/2	2,380.27	1/2	2,743.02	1/2	3,106.25	1/2	3,468.97
3/4	220.15	3/4	583.91	3/4	944.69	3/4	1,300.49	3/4	1,664.09	3/4	2,026.89	3/4	2,387.81	3/4	2,750.59	3/4	3,113.82	3/4	3,476.51
7	227.72	7	591.49	7	952.04	7	1,308.06	7	1,671.67	7	2,034.41	7	2,395.34	7	2,758.16	7	3,121.38	7	3,484.06
1/4	235.30	1/4	599.07	1/4	959.38	1/4	1,315.64	1/4	1,679.25	1/4	2,041.92	1/4	2,402.88	1/4	2,765.73	1/4	3,128.95	1/4	3,491.60
1/2	242.88	1/2	606.65	1/2	966.73	1/2	1,323.21	1/2	1,686.82	1/2	2,049.43	1/2	2,410.42	1/2	2,773.30	1/2	3,136.51	1/2	3,499.15
3/4	250.46	3/4	614.23	3/4	974.07	3/4	1,330.79	3/4	1,694.40	3/4	2,056.94	3/4	2,417.95	3/4	2,780.86	3/4	3,144.08	3/4	3,506.69
8	258.04	8	621.81	8	981.42	8	1,338.36	8	1,701.97	8	2,064.45	8	2,425.49	8	2,788.43	8	3,151.64	8	3,514.24
1/4	265.62	1/4	629.39	1/4	988.76	1/4	1,345.94	1/4	1,709.55	1/4	2,071.97	1/4	2,433.03	1/4	2,796.00	1/4	3,159.21	1/4	3,521.78
1/2	273.20	1/2	636.97	1/2	996.11	1/2	1,353.51	1/2	1,717.12	1/2	2,079.48	1/2	2,440.56	1/2	2,803.57	1/2	3,166.77	1/2	3,529.33
3/4	280.77	3/4	644.55	3/4	1,003.46	3/4	1,361.09	3/4	1,724.70	3/4	2,086.99	3/4	2,448.10	3/4	2,811.14	3/4	3,174.34	3/4	3,536.87
9	288.35	9	652.13	9	1,010.80	9	1,368.66	9	1,732.27	9	2,094.50	9	2,455.64	9	2,818.70	9	3,181.90	9	3,544.42
1/4	295.93	1/4	659.71	1/4	1,018.15	1/4	1,376.24	1/4	1,739.85	1/4	2,102.02	1/4	2,463.18	1/4	2,826.27	1/4	3,189.47	1/4	3,551.97
1/2	303.51	1/2	667.29	1/2	1,025.49	1/2	1,383.81	1/2	1,747.42	1/2	2,109.53	1/2	2,470.71	1/2	2,833.84	1/2	3,197.03	1/2	3,559.52
3/4	311.09	3/4	674.87	3/4	1,032.84	3/4	1,391.39	3/4	1,755.00	3/4	2,117.04	3/4	2,478.25	3/4	2,841.41	3/4	3,204.60	3/4	3,567.07
10	318.66	10	682.45	10	1,040.19	10	1,398.96	10	1,762.57	10	2,124.55	10	2,485.79	10	2,848.97	10	3,212.16	10	3,574.62
1/4	326.24	1/4	690.03	1/4	1,047.53	1/4	1,406.54	1/4	1,770.15	1/4	2,132.07	1/4	2,493.32	1/4	2,856.54	1/4	3,219.73	1/4	3,582.17
1/2	333.82	1/2	697.61	1/2	1,054.88	1/2	1,414.11	1/2	1,777.72	1/2	2,139.58	1/2	2,500.86	1/2	2,864.11	1/2	3,227.29	1/2	3,589.73
3/4	341.40	3/4	705.18	3/4	1,062.22	3/4	1,421.69	3/4	1,785.30	3/4	2,147.09	3/4	2,508.40	3/4	2,871.68	3/4	3,234.86	3/4	3,597.28
11	348.98	11	712.76	11	1,069.57	11	1,429.26	11	1,792.87	11	2,154.60	11	2,515.93	11	2,879.25	11	3,242.42	11	3,604.84
1/4	356.55	1/4	720.34	1/4	1,076.92	1/4	1,436.84	1/4	1,800.45	1/4	2,162.12	1/4	2,523.49	1/4	2,886.81	1/4	3,249.99	1/4	3,611.82
1/2	364.13	1/2	727.92	1/2	1,084.27	1/2	1,444.41	1/2	1,808.02	1/2	2,169.63	1/2	2,531.05	1/2	2,894.38	1/2	3,257.56	1/2	3,618.81
3/4	371.71	3/4	735.50	3/4	1,091.62	3/4	1,451.99	3/4	1,815.60	3/4	2,177.14	3/4	2,538.60	3/4	2,901.95	3/4	3,265.12	3/4	3,625.79

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 336"

3 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,632.78	0	3,886.71	0	4,136.34	0	4,373.15	0	4,601.91	0		0		0		0		0	
1/4	3,638.61	1/4	3,891.95	1/4	4,141.42	1/4	4,377.93	1/4	4,607.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,644.43	1/2	3,897.19	1/2	4,146.49	1/2	4,382.70	1/2	4,612.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,650.26	3/4	3,902.43	3/4	4,151.57	3/4	4,387.47	3/4	4,617.51	3/4		3/4		3/4		3/4		3/4	
1	3,656.09	1	3,907.67	1	4,156.64	1	4,392.25	1	4,622.71	1		1		1		1		1	
1/4	3,661.33	1/4	3,912.91	1/4	4,161.70	1/4	4,396.98	1/4	4,627.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,666.57	1/2	3,918.15	1/2	4,166.75	1/2	4,401.72	1/2	4,632.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.81	3/4	3,923.40	3/4	4,171.81	3/4	4,406.45	3/4	4,637.18	3/4		3/4		3/4		3/4		3/4	
2	3,677.05	2	3,928.64	2	4,176.86	2	4,411.19	2	4,642.00	2		2		2		2		2	
1/4	3,682.30	1/4	3,933.88	1/4	4,181.88	1/4	4,415.89	1/4	4,645.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,687.54	1/2	3,939.12	1/2	4,186.90	1/2	4,420.59	1/2	4,649.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,692.78	3/4	3,944.36	3/4	4,191.93	3/4	4,425.29	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,698.02	3	3,949.60	3	4,196.95	3	4,429.99	3		3		3		3		3		3	
1/4	3,703.26	1/4	3,954.84	1/4	4,201.94	1/4	4,434.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.50	1/2	3,960.08	1/2	4,206.93	1/2	4,439.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,713.74	3/4	3,965.33	3/4	4,211.92	3/4	4,444.02	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,718.98	4	3,970.57	4	4,216.91	4	4,448.69	4		4		4		4		4		4	
1/4	3,724.23	1/4	3,975.81	1/4	4,221.88	1/4	4,453.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.47	1/2	3,981.05	1/2	4,226.84	1/2	4,458.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,734.71	3/4	3,986.29	3/4	4,231.80	3/4	4,462.65	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,739.95	5	3,991.53	5	4,236.77	5	4,467.31	5		5		5		5		5		5	
1/4	3,745.19	1/4	3,996.77	1/4	4,241.71	1/4	4,471.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,750.43	1/2	4,002.00	1/2	4,246.65	1/2	4,476.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,755.67	3/4	4,007.24	3/4	4,251.59	3/4	4,481.20	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,760.91	6	4,012.48	6	4,256.53	6	4,485.83	6		6		6		6		6		6	
1/4	3,766.16	1/4	4,017.70	1/4	4,261.45	1/4	4,490.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.40	1/2	4,022.92	1/2	4,266.36	1/2	4,495.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.64	3/4	4,028.14	3/4	4,271.28	3/4	4,499.64	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,781.88	7	4,033.36	7	4,276.20	7	4,504.24	7		7		7		7		7		7	
1/4	3,787.12	1/4	4,038.56	1/4	4,281.09	1/4	4,508.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,792.36	1/2	4,043.76	1/2	4,285.99	1/2	4,513.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,797.60	3/4	4,048.96	3/4	4,290.88	3/4	4,517.98	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,802.85	8	4,054.15	8	4,295.78	8	4,522.56	8		8		8		8		8		8	
1/4	3,808.09	1/4	4,059.33	1/4	4,300.65	1/4	4,527.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,813.33	1/2	4,064.50	1/2	4,305.52	1/2	4,531.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,818.57	3/4	4,069.68	3/4	4,310.39	3/4	4,536.23	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,823.81	9	4,074.85	9	4,315.26	9	4,540.79	9		9		9		9		9		9	
1/4	3,829.05	1/4	4,080.00	1/4	4,320.11	1/4	4,545.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.29	1/2	4,085.15	1/2	4,324.96	1/2	4,550.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,839.53	3/4	4,090.30	3/4	4,329.81	3/4	4,555.41	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,844.78	10	4,095.45	10	4,334.66	10	4,560.29	10		10		10		10		10		10	
1/4	3,850.02	1/4	4,100.57	1/4	4,339.48	1/4	4,565.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,855.26	1/2	4,105.69	1/2	4,344.31	1/2	4,570.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,860.50	3/4	4,110.82	3/4	4,349.13	3/4	4,575.89	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,865.74	11	4,115.94	11	4,353.96	11	4,581.10	11		11		11		11		11		11	
1/4	3,870.98	1/4	4,121.04	1/4	4,358.76	1/4	4,586.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,876.22	1/2	4,126.14	1/2	4,363.56	1/2	4,591.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,881.46	3/4	4,131.24	3/4	4,368.35	3/4	4,596.70	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 336"

3 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	25.06	0	380.08	0	744.81	0	1,109.04	0	1,473.73	0	1,838.46	0	2,203.20	0	2,567.94	0	2,932.42	0	3,296.71
1/4	30.76	1/4	387.68	1/4	752.41	1/4	1,116.63	1/4	1,481.33	1/4	1,846.06	1/4	2,210.80	1/4	2,575.54	1/4	2,940.01	1/4	3,304.30
1/2	36.46	1/2	395.28	1/2	760.00	1/2	1,124.22	1/2	1,488.92	1/2	1,853.66	1/2	2,218.40	1/2	2,583.14	1/2	2,947.60	1/2	3,311.89
3/4	42.15	3/4	402.88	3/4	767.60	3/4	1,131.81	3/4	1,496.52	3/4	1,861.26	3/4	2,226.00	3/4	2,590.74	3/4	2,955.19	3/4	3,319.48
1	47.85	1	410.48	1	775.20	1	1,139.40	1	1,504.12	1	1,868.86	1	2,233.60	1	2,598.33	1	2,962.78	1	3,327.07
1/4	54.96	1/4	418.08	1/4	782.80	1/4	1,146.99	1/4	1,511.72	1/4	1,876.46	1/4	2,241.20	1/4	2,605.93	1/4	2,970.38	1/4	3,334.65
1/2	62.06	1/2	425.67	1/2	790.40	1/2	1,154.59	1/2	1,519.32	1/2	1,884.06	1/2	2,248.79	1/2	2,613.53	1/2	2,977.97	1/2	3,342.23
3/4	69.17	3/4	433.27	3/4	798.00	3/4	1,162.18	3/4	1,526.92	3/4	1,891.66	3/4	2,256.39	3/4	2,621.13	3/4	2,985.56	3/4	3,349.80
2	76.27	2	440.87	2	805.59	2	1,169.78	2	1,534.52	2	1,899.25	2	2,263.99	2	2,628.73	2	2,993.15	2	3,357.38
1/4	83.84	1/4	448.47	1/4	813.19	1/4	1,177.38	1/4	1,542.11	1/4	1,906.85	1/4	2,271.59	1/4	2,636.33	1/4	3,000.74	1/4	3,364.95
1/2	91.42	1/2	456.07	1/2	820.79	1/2	1,184.98	1/2	1,549.71	1/2	1,914.45	1/2	2,279.19	1/2	2,643.93	1/2	3,008.33	1/2	3,372.52
3/4	98.99	3/4	463.67	3/4	828.39	3/4	1,192.57	3/4	1,557.31	3/4	1,922.05	3/4	2,286.79	3/4	2,651.53	3/4	3,015.92	3/4	3,380.09
3	106.57	3	471.27	3	835.99	3	1,200.17	3	1,564.91	3	1,929.65	3	2,294.39	3	2,659.12	3	3,023.52	3	3,387.66
1/4	114.16	1/4	478.86	1/4	843.58	1/4	1,207.77	1/4	1,572.51	1/4	1,937.25	1/4	2,301.98	1/4	2,666.72	1/4	3,031.11	1/4	3,395.22
1/2	121.75	1/2	486.46	1/2	851.17	1/2	1,215.37	1/2	1,580.11	1/2	1,944.85	1/2	2,309.58	1/2	2,674.31	1/2	3,038.70	1/2	3,402.79
3/4	129.35	3/4	494.06	3/4	858.76	3/4	1,222.97	3/4	1,587.71	3/4	1,952.44	3/4	2,317.18	3/4	2,681.90	3/4	3,046.29	3/4	3,410.36
4	136.94	4	501.66	4	866.35	4	1,230.57	4	1,595.31	4	1,960.04	4	2,324.78	4	2,689.49	4	3,053.88	4	3,417.93
1/4	144.54	1/4	509.26	1/4	873.94	1/4	1,238.17	1/4	1,602.90	1/4	1,967.64	1/4	2,332.38	1/4	2,697.09	1/4	3,061.46	1/4	3,425.50
1/2	152.13	1/2	516.86	1/2	881.52	1/2	1,245.77	1/2	1,610.50	1/2	1,975.24	1/2	2,339.98	1/2	2,704.68	1/2	3,069.05	1/2	3,433.06
3/4	159.73	3/4	524.45	3/4	889.10	3/4	1,253.36	3/4	1,618.10	3/4	1,982.84	3/4	2,347.58	3/4	2,712.27	3/4	3,076.64	3/4	3,440.63
5	167.33	5	532.05	5	896.69	5	1,260.96	5	1,625.70	5	1,990.44	5	2,355.18	5	2,719.86	5	3,084.23	5	3,448.20
1/4	174.93	1/4	539.65	1/4	904.27	1/4	1,268.56	1/4	1,633.30	1/4	1,998.04	1/4	2,362.77	1/4	2,727.45	1/4	3,091.82	1/4	3,455.77
1/2	182.53	1/2	547.25	1/2	911.85	1/2	1,276.16	1/2	1,640.90	1/2	2,005.64	1/2	2,370.37	1/2	2,735.04	1/2	3,099.41	1/2	3,463.34
3/4	190.12	3/4	554.84	3/4	919.44	3/4	1,283.76	3/4	1,648.50	3/4	2,013.23	3/4	2,377.97	3/4	2,742.63	3/4	3,107.00	3/4	3,470.90
6	197.72	6	562.45	6	927.02	6	1,291.36	6	1,656.10	6	2,020.83	6	2,385.57	6	2,750.22	6	3,114.59	6	3,478.47
1/4	205.32	1/4	570.04	1/4	934.60	1/4	1,298.96	1/4	1,663.69	1/4	2,028.43	1/4	2,393.17	1/4	2,757.82	1/4	3,122.17	1/4	3,486.04
1/2	212.92	1/2	577.64	1/2	942.19	1/2	1,306.56	1/2	1,671.29	1/2	2,036.03	1/2	2,400.77	1/2	2,765.41	1/2	3,129.76	1/2	3,493.61
3/4	220.52	3/4	585.24	3/4	949.77	3/4	1,314.15	3/4	1,678.89	3/4	2,043.63	3/4	2,408.37	3/4	2,773.00	3/4	3,137.35	3/4	3,501.18
7	228.12	7	592.84	7	957.35	7	1,321.75	7	1,686.49	7	2,051.23	7	2,415.97	7	2,780.59	7	3,144.94	7	3,508.74
1/4	235.71	1/4	600.44	1/4	964.94	1/4	1,329.35	1/4	1,694.09	1/4	2,058.83	1/4	2,423.56	1/4	2,788.18	1/4	3,152.53	1/4	3,516.31
1/2	243.31	1/2	608.04	1/2	972.52	1/2	1,336.95	1/2	1,701.69	1/2	2,066.43	1/2	2,431.16	1/2	2,795.77	1/2	3,160.12	1/2	3,523.88
3/4	250.91	3/4	615.63	3/4	980.11	3/4	1,344.55	3/4	1,709.29	3/4	2,074.02	3/4	2,438.76	3/4	2,803.36	3/4	3,167.71	3/4	3,531.45
8	258.51	8	623.23	8	987.69	8	1,352.15	8	1,716.88	8	2,081.62	8	2,446.36	8	2,810.96	8	3,175.30	8	3,539.02
1/4	266.11	1/4	630.83	1/4	995.27	1/4	1,359.75	1/4	1,724.48	1/4	2,089.22	1/4	2,453.96	1/4	2,818.55	1/4	3,182.88	1/4	3,546.58
1/2	273.71	1/2	638.43	1/2	1,002.86	1/2	1,367.34	1/2	1,732.08	1/2	2,096.82	1/2	2,461.56	1/2	2,826.14	1/2	3,190.47	1/2	3,554.15
3/4	281.31	3/4	646.03	3/4	1,010.44	3/4	1,374.94	3/4	1,739.68	3/4	2,104.42	3/4	2,469.16	3/4	2,833.73	3/4	3,198.06	3/4	3,561.72
9	288.90	9	653.63	9	1,018.02	9	1,382.54	9	1,747.28	9	2,112.02	9	2,476.75	9	2,841.32	9	3,205.65	9	3,569.29
1/4	296.50	1/4	661.23	1/4	1,025.61	1/4	1,390.14	1/4	1,754.88	1/4	2,119.62	1/4	2,484.35	1/4	2,848.91	1/4	3,213.24	1/4	3,576.86
1/2	304.10	1/2	668.82	1/2	1,033.19	1/2	1,397.74	1/2	1,762.48	1/2	2,127.21	1/2	2,491.95	1/2	2,856.50	1/2	3,220.83	1/2	3,584.42
3/4	311.70	3/4	676.42	3/4	1,040.77	3/4	1,405.34	3/4	1,770.08	3/4	2,134.81	3/4	2,499.55	3/4	2,864.10	3/4	3,228.42	3/4	3,591.99
10	319.30	10	684.02	10	1,048.36	10	1,412.94	10	1,777.67	10	2,142.41	10	2,507.15	10	2,871.69	10	3,236.00	10	3,599.56
1/4	326.90	1/4	691.62	1/4	1,055.94	1/4	1,420.54	1/4	1,785.27	1/4	2,150.01	1/4	2,514.75	1/4	2,879.28	1/4	3,243.59	1/4	3,607.13
1/2	334.49	1/2	699.22	1/2	1,063.52	1/2	1,428.13	1/2	1,792.87	1/2	2,157.61	1/2	2,522.35	1/2	2,886.87	1/2	3,251.18	1/2	3,614.70
3/4	342.09	3/4	706.82	3/4	1,071.11	3/4	1,435.73	3/4	1,800.47	3/4	2,165.21	3/4	2,529.95	3/4	2,894.46	3/4	3,258.77	3/4	3,622.26
11	349.69	11	714.41	11	1,078.69	11	1,443.33	11	1,808.07	11	2,172.81	11	2,537.54	11	2,902.05	11	3,266.36	11	3,629.83
1/4	357.29	1/4	722.01	1/4	1,086.28	1/4	1,450.93	1/4	1,815.67	1/4	2,180.41	1/4	2,545.14	1/4	2,909.64	1/4	3,273.95	1/4	3,636.83
1/2	364.89	1/2	729.61	1/2	1,093.86	1/2	1,458.53	1/2	1,823.27	1/2	2,188.00	1/2	2,552.74	1/2	2,917.24	1/2	3,281.54	1/2	3,643.82
3/4	372.49	3/4	737.21	3/4	1,101.45	3/4	1,466.13	3/4	1,830.87	3/4	2,195.60	3/4	2,560.34	3/4	2,924.83	3/4	3,289.13	3/4	3,650.81

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 336"

3 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,657.81	0	3,911.96	0	4,161.82	0	4,398.84	0	4,627.80	0		0		0		0		0	
1/4	3,663.64	1/4	3,917.20	1/4	4,166.90	1/4	4,403.62	1/4	4,633.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.47	1/2	3,922.45	1/2	4,171.98	1/2	4,408.40	1/2	4,638.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.30	3/4	3,927.69	3/4	4,177.06	3/4	4,413.18	3/4	4,643.42	3/4		3/4		3/4		3/4		3/4	
1	3,681.14	1	3,932.94	1	4,182.14	1	4,417.95	1	4,648.63	1		1		1		1		1	
1/4	3,686.38	1/4	3,938.19	1/4	4,187.20	1/4	4,422.69	1/4	4,653.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.63	1/2	3,943.43	1/2	4,192.26	1/2	4,427.43	1/2	4,658.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,696.88	3/4	3,948.68	3/4	4,197.32	3/4	4,432.17	3/4	4,663.11	3/4		3/4		3/4		3/4		3/4	
2	3,702.12	2	3,953.92	2	4,202.38	2	4,436.91	2	4,667.94	2		2		2		2		2	
1/4	3,707.37	1/4	3,959.17	1/4	4,207.40	1/4	4,441.62	1/4	4,671.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,712.61	1/2	3,964.42	1/2	4,212.43	1/2	4,446.32	1/2	4,675.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,717.86	3/4	3,969.66	3/4	4,217.46	3/4	4,451.03	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,723.10	3	3,974.91	3	4,222.49	3	4,455.73	3		3		3		3		3		3	
1/4	3,728.35	1/4	3,980.15	1/4	4,227.48	1/4	4,460.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,733.60	1/2	3,985.40	1/2	4,232.47	1/2	4,465.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.84	3/4	3,990.65	3/4	4,237.47	3/4	4,469.77	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,744.09	4	3,995.89	4	4,242.46	4	4,474.45	4		4		4		4		4		4	
1/4	3,749.33	1/4	4,001.14	1/4	4,247.43	1/4	4,479.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,754.58	1/2	4,006.38	1/2	4,252.40	1/2	4,483.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.83	3/4	4,011.63	3/4	4,257.37	3/4	4,488.42	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,765.07	5	4,016.88	5	4,262.34	5	4,493.08	5		5		5		5		5		5	
1/4	3,770.32	1/4	4,022.12	1/4	4,267.28	1/4	4,497.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.56	1/2	4,027.36	1/2	4,272.23	1/2	4,502.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.81	3/4	4,032.60	3/4	4,277.17	3/4	4,506.98	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,786.06	6	4,037.85	6	4,282.12	6	4,511.62	6		6		6		6		6		6	
1/4	3,791.30	1/4	4,043.07	1/4	4,287.04	1/4	4,516.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,796.55	1/2	4,048.30	1/2	4,291.96	1/2	4,520.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,801.79	3/4	4,053.52	3/4	4,296.88	3/4	4,525.44	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,807.04	7	4,058.75	7	4,301.80	7	4,530.05	7		7		7		7		7		7	
1/4	3,812.29	1/4	4,063.95	1/4	4,306.70	1/4	4,534.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.53	1/2	4,069.15	1/2	4,311.60	1/2	4,539.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,822.78	3/4	4,074.36	3/4	4,316.50	3/4	4,543.80	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,828.02	8	4,079.56	8	4,321.40	8	4,548.38	8		8		8		8		8		8	
1/4	3,833.27	1/4	4,084.74	1/4	4,326.28	1/4	4,552.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.51	1/2	4,089.92	1/2	4,331.15	1/2	4,557.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.76	3/4	4,095.10	3/4	4,336.03	3/4	4,562.07	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,849.01	9	4,100.28	9	4,340.90	9	4,566.63	9		9		9		9		9		9	
1/4	3,854.25	1/4	4,105.43	1/4	4,345.76	1/4	4,571.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,859.50	1/2	4,110.59	1/2	4,350.61	1/2	4,576.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.74	3/4	4,115.74	3/4	4,355.46	3/4	4,581.27	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,869.99	10	4,120.89	10	4,360.31	10	4,586.14	10		10		10		10		10		10	
1/4	3,875.24	1/4	4,126.02	1/4	4,365.14	1/4	4,591.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.48	1/2	4,131.15	1/2	4,369.97	1/2	4,596.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,885.73	3/4	4,136.27	3/4	4,374.80	3/4	4,601.76	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,890.97	11	4,141.40	11	4,379.63	11	4,606.97	11		11		11		11		11		11	
1/4	3,896.22	1/4	4,146.51	1/4	4,384.43	1/4	4,612.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,901.47	1/2	4,151.61	1/2	4,389.24	1/2	4,617.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,906.71	3/4	4,156.71	3/4	4,394.04	3/4	4,622.59	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW
CALCULATED: 03/20/2014 CL
PRINTED: 03/20/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
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